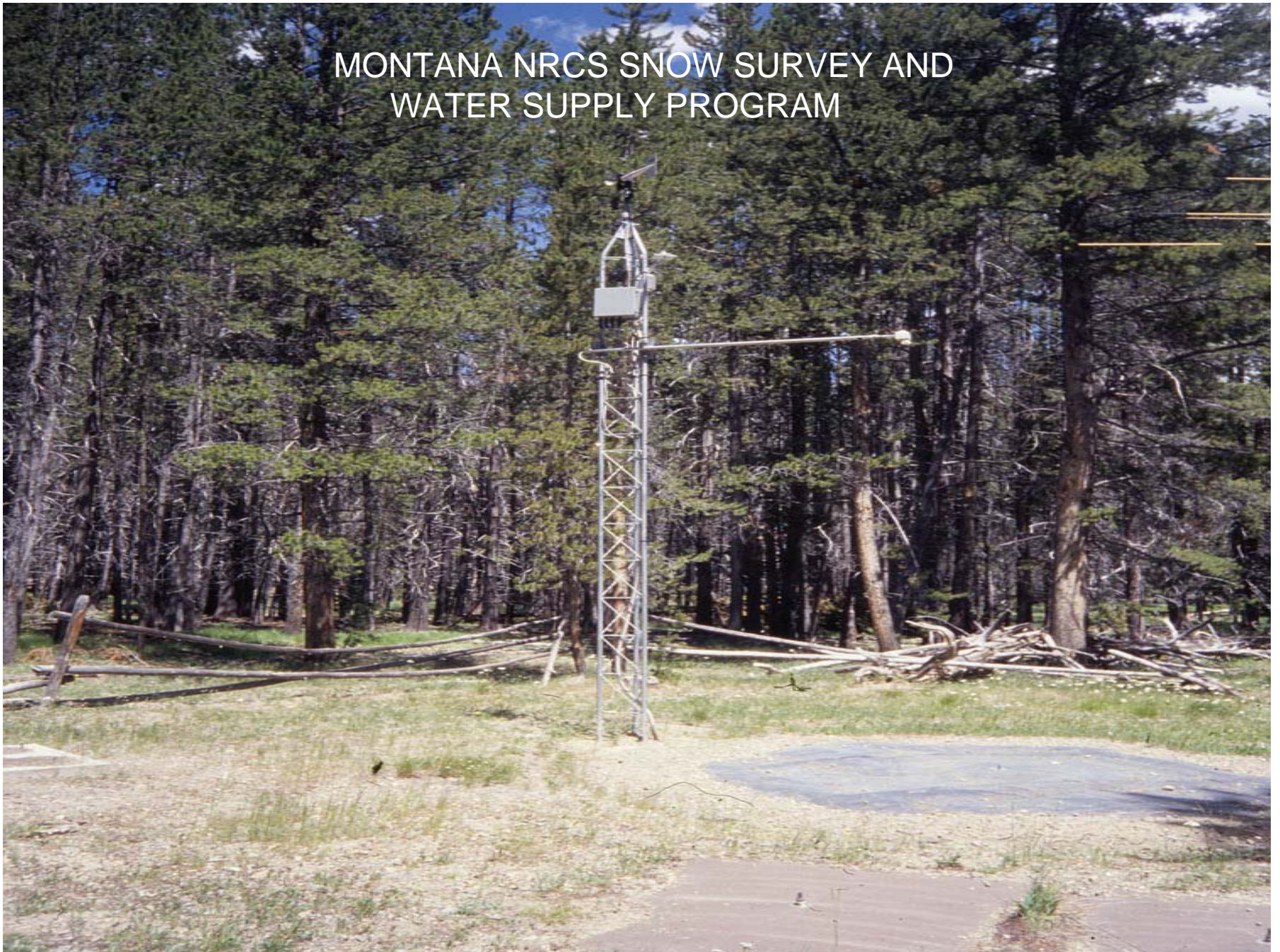


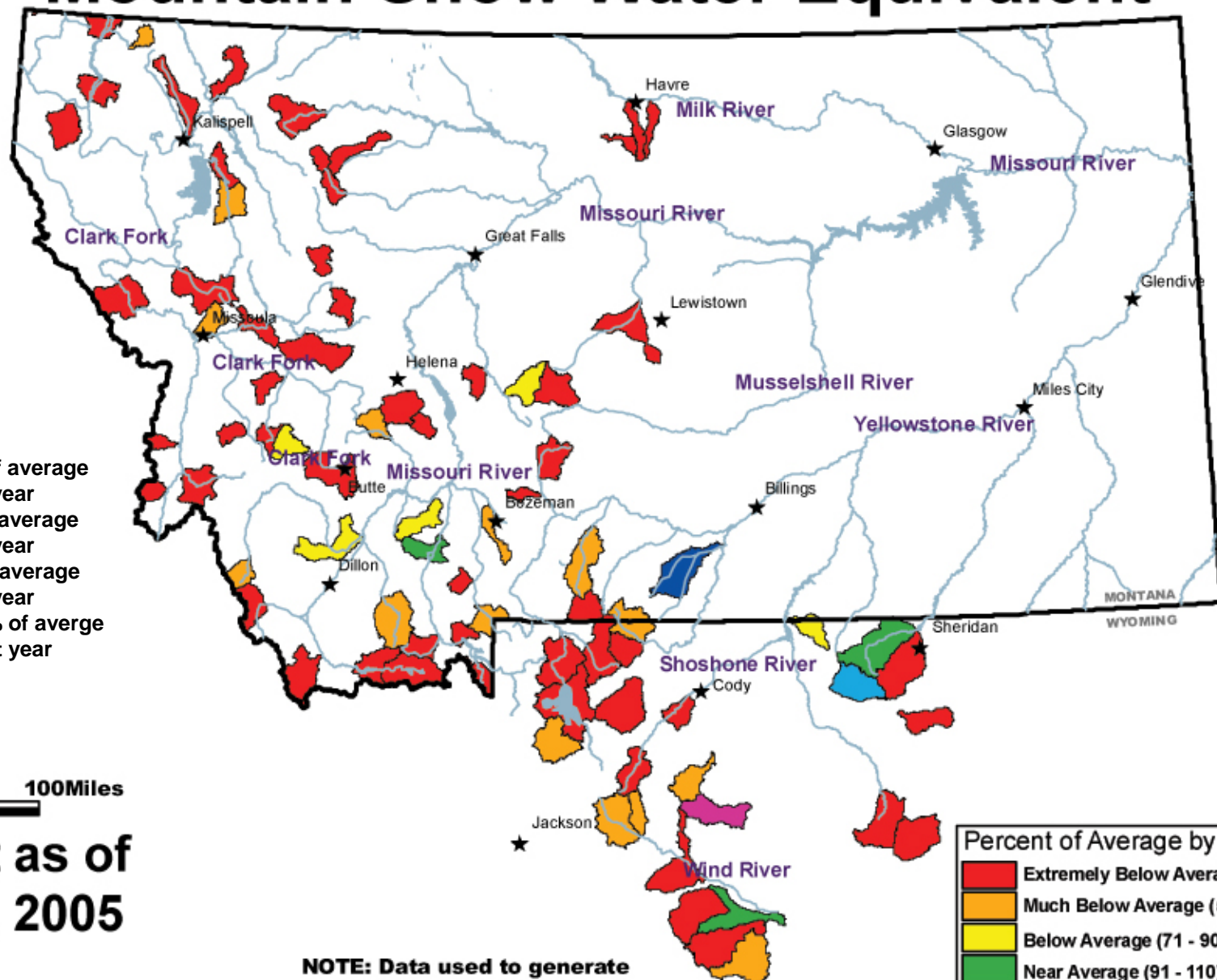
# MONTANA NRCS SNOW SURVEY AND WATER SUPPLY PROGRAM





# Mountain Snow Water Equivalent

Columbia – 32% of average  
and 56% of last year  
Missouri – 46% of average  
and 70% of last year  
Idaho – 39% of average  
and 57% of last year  
Yellowstone – 62% of average  
and 126% of last year



0 50 100 Miles

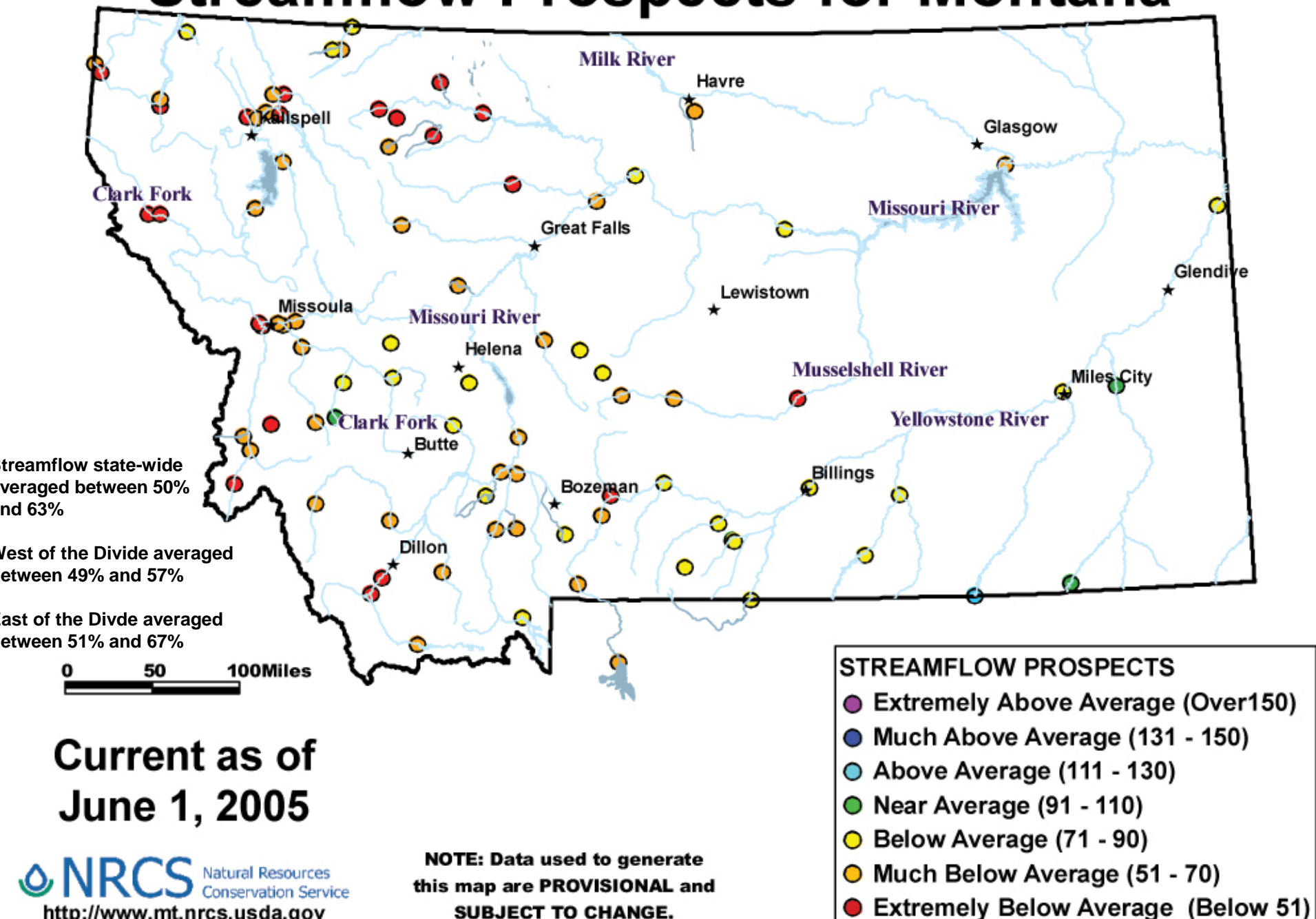
Current as of  
June 1, 2005

**NOTE: Data used to generate  
this map are PROVISIONAL and  
SUBJECT TO CHANGE.**

## Percent of Average by Sub-Basin

Red	Extremely Below Average (Below 51)
Orange	Much Below Average (51 - 70)
Yellow	Below Average (71 - 90)
Green	Near Average (91 - 110)
Light Blue	Above Average (111 - 130)
Dark Blue	Much Above Average (131 - 150)
Pink	Extremely Above Average (Over 150)

# Streamflow Prospects for Montana



## **STREAMFLOW SNOW MELT PEAK FLOW DATES**

### **COLUMBIA RIVER**

Streams and rivers reached their snow melt peaks between April 27 and May 21.  
The average of the snow melt peaks was 53 percent.

### **MISSOURI RIVER**

Streams and rivers reached their snow melt peaks between May 16 and May 24. The average of the snow melt peaks was 56 percent.

### **YELLOWSTONE RIVER**

Streams and rivers reached their snow melt peaks between May 21 and May 25. The average of the snow melt peaks was 88 percent. Yellowstone Lake has not peaked and is expected to reach the snow melt peak between June 23 and June 30.

### **SASKATCHEWAN RIVER**

Streams and rivers reached their snow melt peaks between May 17 and May 19. The average of the snow melt peaks was 40 percent.

Specific stream and river information is available on the Montana snow survey and water supply forecasting home page.

<http://www.mt.nrcs.usda.gov/snow/watersupply/>

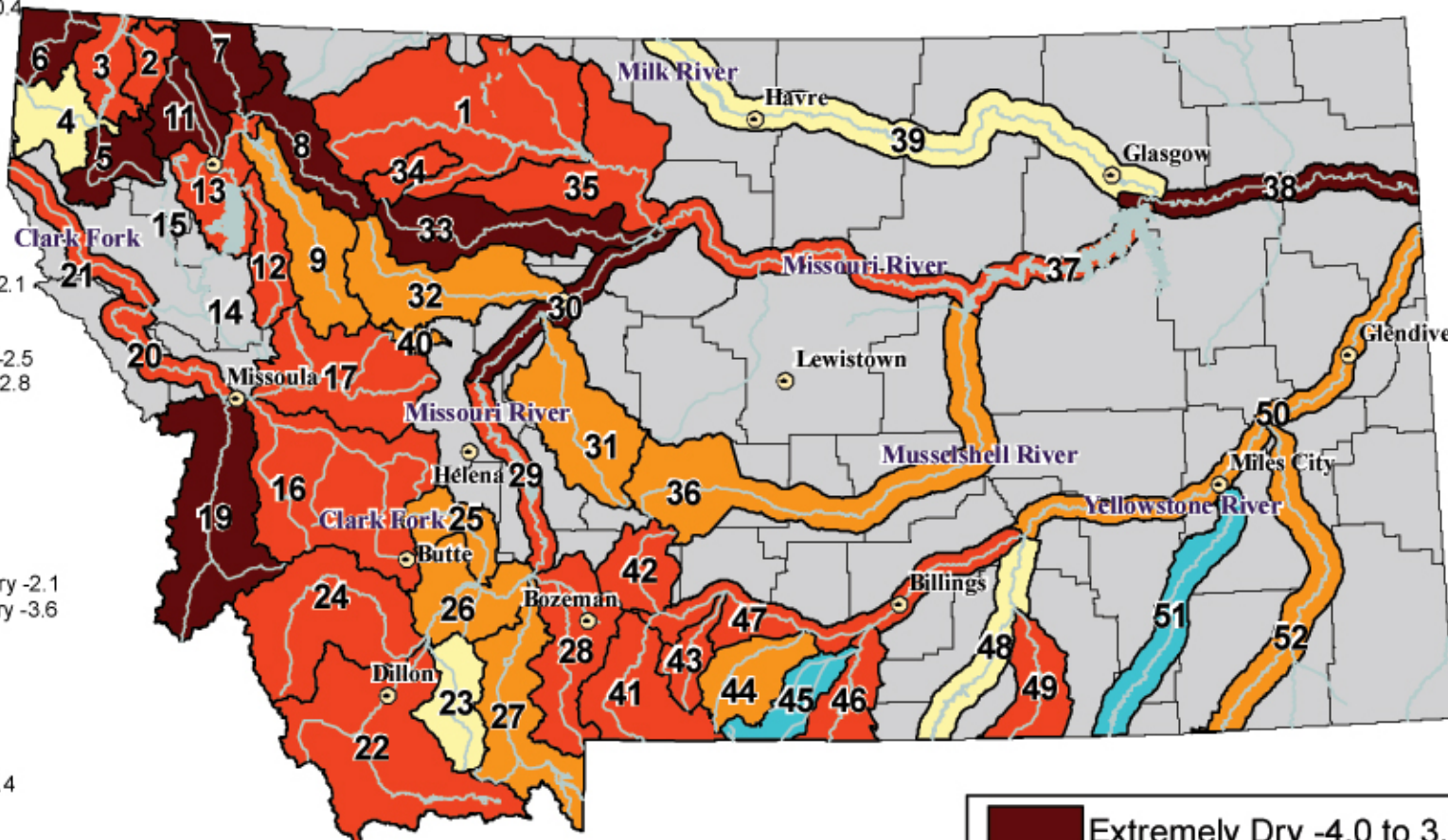


# Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

- 1 Marias above Tiber Reservoir -2.8
- 2 Tobacco -2
- 3 Kootenai Ft. Steele to Libby Dam -2.8
- 4 Kootenai below Libby Dam -0.4
- 5 Fisher -3.5
- 6 Yaak -3.4
- 7 North FK. Flathead -3
- 8 Middle FK. Flathead -3.7
- 9 South FK. Flathead -1.4
- 11 Stillwater/Whitefish -3.3
- 12 Swan -2.6
- 13 Flathead at Polson -2.9
- 14 Mission Valley
- 15 Little Bitterroot
- 16 Clark Fork above Milltown -2.1
- 17 Blackfoot -2.3
- 19 Bitterroot -3.1
- 20 Clark Fork below Bitterroot -2.5
- 21 Clark Fork below Flathead -2.8
- 22 Beaverhead -2.7
- 23 Ruby -0.9
- 24 Big Hole -2.1
- 25 Boulder (Jefferson) -1.2
- 26 Jefferson -1.2
- 27 Madison -1.6
- 28 Gallatin -2.5
- 29 Missouri above Canyon Ferry -2.1
- 30 Missouri below Canyon Ferry -3.6
- 31 Smith -1.9
- 32 Sun -1.7
- 33 Teton -3.1
- 34 Birch/Dupuyer Creeks -2.7
- 35 Marias -2.8
- 36 Musselshell -1.5
- 37 Missouri above Fort Peck -2.4
- 38 Missouri below Fort Peck -4
- 39 Milk -0.7
- 40 Dearborn near Craig -1.2
- 41 Yellowstone above Livingston -2.7
- 42 Shields -2.2
- 43 Boulder (Yellowstone) -2.5
- 44 Stillwater -1.4
- 45 Rock/Red Lodge Creeks 2.2
- 46 Clarks Fork -2.9
- 47 Yellowstone above Bighorn -2.4
- 48 Bighorn below Bighorn Lake 0.4
- 49 Little Bighorn -2.6
- 50 Yellowstone below Bighorn -1.3
- 51 Tongue 2.8
- 52 Powder -1



Current as of  
June 1, 2005

0 45 90 Miles

**NOTE: Data used to generate  
this map are PROVISIONAL and  
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<http://www.mt.nrcs.usda.gov>

